Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_

Mr. Kaufman Geometry

**Introduction to Circles Homework**

1. A bike wheel has a diameter of 24 inches. How many revolutions will it make in order to travel 2 miles?

2. Luke is riding on a ferris wheel. The diameter of the ferris wheel is 200 feet. How far does Luke travel from the highest point of the ferris wheel to the lowest point on the ferris wheel?

a. Create a drawing of the situation.

b. What is the problem asking you to find?

c. Solve the problem.